

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1- 34 are canceled.

35. (Previously Presented) A light source comprising:
a first multi-spatial mode semiconductor diode laser;
a first reflector having a three-dimensional pattern of refractive index variations within the reflector, the first reflector being in optical communication with the first semiconductor diode laser and aligned with an output beam of the first laser such that a portion of the output beam of the first laser is reflected back into the first laser by the first reflector;
a second multi-spatial mode semiconductor diode laser;
a second reflector having a three-dimensional pattern of refractive index variations within the reflector, the second reflector being in optical communication with the second semiconductor diode laser and aligned with an output beam of the second laser such that a portion of the output beam of the second laser is reflected back into the second laser by the second reflector; and
a first beam combiner arranged to combine the output beams of the first laser and the second laser,
wherein the output beams of the first laser and the second laser have different polarizations.

36. (Original) The light source of claim 35, wherein the first beam combiner is external to cavities formed by first diode laser and the first reflector and by the second diode laser and the second reflector.

37. (Previously Presented) The light source of claim 35, wherein the first beam combiner is a reflector having a three-dimensional pattern of refractive index variations within the reflector.

38-40. (Canceled)

41. (Previously Presented) The light source of claim 35, wherein the output beams of the first laser and the second laser have different wavelengths.

42. (Canceled)

43. (Previously Presented) The light source of claim 35, further comprising:
a third semiconductor diode laser;
a third reflector having a three-dimensional pattern of refractive index variations within the reflector, the third reflector being in optical communication with the third semiconductor diode laser and aligned with an output beam of the third laser such that a portion of the output beam of the third laser is reflected back into the third laser by the third reflector; and
a second beam combiner arranged to combine the output beams of the first laser and the third laser in parallel.

Claims 44-60 are canceled.

61. (Previously Presented) The light source of claim 35, wherein the first beam combiner, the first diode laser, and the second diode laser are arranged such that the beams are combined in parallel by the first beam combiner.

Claims 62-66 are canceled.

67. (Previously Presented) A light source comprising:

- a first multi-spatial mode semiconductor diode laser;
- a first reflector having a three-dimensional pattern of refractive index variations within the reflector, the first reflector being in optical communication with the first semiconductor diode laser and aligned with an output beam of the first laser such that a portion of the output beam of the first laser is reflected back into the first laser by the first reflector;
- a second multi-spatial mode semiconductor diode laser;
- a second separate reflector having a three-dimensional pattern of refractive index variations within the reflector, the second reflector being in optical communication with the second semiconductor diode laser and aligned with an output beam of the second laser such that a portion of the output beam of the second laser is reflected back into the second laser by the second reflector; and
- a first beam combiner arranged to combine the output beams of the first laser and the second laser,

wherein the first beam combiner is a third separate reflector having a three-dimensional pattern of refractive index variations within the third reflector.

Claims 68-70 are canceled.